CLAIMS

The newly presented amendments do not add any new matter, and are otherwise intended as clarifications per the Examiner's recent Office Action, or intended as correction of inadvertent typographical errors, and are not intended to result in any other substantive effect with respect to scope. In accordance with 37 C.F.R. §1.121, a claim listing including the status and text of all claims as currently presented appears below.

Claims 7, 13, and 17-22 are canceled without prejudice, claims 1, 2, and 9-12 are amended, and claims 23-31 are newly added.

LISTING OF CURRENTLY PENDING CLAIMS

1.   (Currently Amended)   A method of handling a telephone call with an associated data package over a telephone system having a pair of first lines and a pair of second lines with limited bandwidth, comprising:

generating at least one first data from at least one first data generator and at least one second data from at least one second data generator;

prioritizing the at least one first data relative to the at least one second data so that the at least one first data is given priority;

determining the bandwidth required for transmission of the at least one first data;

~~preferentially~~ sending the at least one first data within the bandwidth associated therewith on the first pair of lines; ~~and~~

using bandwidth as available to include the at least one second data;

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selecting a digitized format for transmission for each data;

converting the data to the digitized format selected by having wave type data converted into signals which are given a value as a bit;

determining the amount of data to store;

storing data which is not ready to send;

prioritizing data to be stored;

attaching a time marker comprising at least one time reading to each data byte made up of digital data bits;

attaching a time marker comprising a time reading for each predetermined period which time reading is separated out as a separated byte;

providing a remote clock to allow the local clock to be kept in time with the local phone clock;

sending the data;

retrieving the data out of the data stream;

separating the data by type based on its respective time marker; and

re-ordering the data based on the time from the remote clock.

2.   (Currently Amended)   The method of claim 1, wherein prioritizing comprises:

setting a protocol for electing the at least one first data over the at least one second data wherein the first data is of at least one first type and wherein the at least one second data is of at least one second type; and

b) automatically prioritizing the data based on the protocol.

3.   (Previously Presented)   The method of claim 1, wherein generating comprises:

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a) selecting at least one reader to receive the data; and

b) reading data fed into the reader.

4.   (Previously Presented)   The method of claim 3, wherein the reader is selected from the group consisting of voice, picture, bio-marker, card holder information, DNIS and ANI call data readers, and combinations thereof.

5.   (Previously Presented)   The method of claim 4, further comprising:

creating at least one circuit board having a CPU with instructions; and

connecting the reader[s] to the circuit board,

wherein prioritizing comprises permitting the CPU to follow its instructions to prioritize the data.

6.   (Previously Presented)   The method of claim 3, wherein at least one reader is a telephone.

7.   (Canceled)   The method of claim 1, further comprising:

selecting the most efficient form for transmission of the data; and

converting the at least one first data and at least one second data to digitized forms corresponding to the most efficient data type for transmission.

8.   (Previously Presented)   The method of claim 2, wherein prioritizing comprises:

determining the amount of data to store;

storing data which is not ready to send; and

prioritizing data to be stored.

9.   (Currently Amended)   The method of claim 8, wherein prioritizing further comprises:

separating the data into bytes;

determining the size of bytes;

packaging the bytes to be sent;

attaching at least one common marker to each data made up of digital data bits;
and

streaming data into bytes with the at least one common marker.

10. (Currently Amended) The method of claim 9, further comprising associating the at least one common marker with two types of data generation.

11. (Currently Amended) The method of claim 10, further comprising associating the at least one common marker with the beginning and ending time of the call.

12. (Currently Amended) The method of claim 9, further comprising:

retrieving the data at a remote location;

separating the data by type;

maintaining the data with the its respective time marker for at least one data type;

using the time marker to maintain the time order of the data for later transmission and alignment of different data types;

determining the best method for transmitting data; and

sending the data by at least one transmission data stream.

13. (Canceled) The method of claim 1, further comprising:

selecting a digitized format for transmission for each data;

converting the data to the digitized format selected by having wave type data converted into signals which are given a predetermined value as a bit;

determining the amount of data to store;

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storing data which is not ready to send;

prioritizing data to be stored;

attaching at least one time reading to each data byte made up of digital data bits;

attaching a time reading for each predetermined period which time reading is separated out as a separated byte;

providing a remote clock to allow the local clock to be kept in time with the local phone clock;

sending the data;

retrieving the data out of the data stream;

separating the data by type based on the time marker; and

re-ordering the data based on the time from the remote clock.

14.   (Previously Presented)   The method of claim 1 wherein sending data includes multiplexing the data by moving the data in both directions on the first lines.

15.   (Previously Presented)   The method of claim 6, further comprising using several frequencies on the same channel to transmit several different streams of data from different readers simultaneously.

16.   (Previously Presented)   The method of claim 15, further comprising providing multiple streams of data which streams of data include sampling for data assigned to a particular location on the data stream.

17.   (Canceled)   The method of claim 7, wherein converting further comprises combining two or more data into a single signal for sending.

18.   (Canceled)   A device for generating telephone data comprising:

a first phone device, comprising:

a handset for accepting and generating electromagnetic voice signals;

a circuit board electronically connected to the handset;

at least one input configured to receive digital data and deliver the digital data directly to the circuit board electronically connected to the circuit board;

a processor configured to generate an associating marker to the voice signals and digital data, prioritize the data in terms of importance, and communicate the data according to the importance;

a phone line having a first end electronically connected to the circuit board for receiving the signals and digital data from the phone line and carrying remote digital signals to the processor, said phone line having a second end; and

a CPU connected to the phone line second end for accepting the signals and digital data from the phone line and processing the signals into a completed telephone call and processing the digital data into digital information available for examination.

19.   (Canceled)   The device of claim 18, wherein the processor is configured to determine the desired format for the digital data and to format the data into a signal according to the determination of the processor.

20.   (Canceled)   The device of claim 18, wherein the input is selected from the group consisting of at least one video input device, at least one user identifier comprised of a biometric thumbprint reader, at least one digital station information identifier, a microphone, a video recorder, a card reader, a biological marker reader, and combinations thereof.

21.   (Canceled)   The device of claim 18, wherein the processor and CPU further comprise a call regulator for providing notification of the termination or suspension of data due to priority.

22.   (Canceled)   A phone hook indicator operable with a phone service comprising a phone comprising a handset for accepting and generating electromagnetic voice signals, said handset having a magnet element, a circuit board electronically connected to the handset, at least one input for receiving digital data electronically connected to the circuit board; a magnetic sensor for sensing the presence of said magnetic element and generating a presence signal showing the presence of said magnetic element attached to the circuit board and a processor electronically connected to the circuit board for receiving the presence signal and for receiving handset signals and transmitting the signals to complete the call to the phone service.

23.   (New)   A method of handling a telephone call with an associated data package over a telephone system having a pair of first lines and a pair of second lines with limited bandwidth, comprising:

generating at least one first data from at least one first data generator and at least one second data from at least one second data generator;

prioritizing the at least one first data relative to the at least one second data so that the at least one first data is given priority;

determining the bandwidth required for transmission of the at least one first data;

sending the at least one first data within the bandwidth associated therewith on the first pair of lines; and

using bandwidth as available to include the at least one second data;

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wherein prioritizing comprises:

setting a protocol for electing the at least one first data over the at least one second data wherein the first data is of at least one first type and wherein the at least one second data is of at least one second type;

automatically prioritizing the data based on the protocol;

determining the amount of data to store;

storing data which is not ready to send;

prioritizing data to be stored;

separating the data into bytes;

determining the size of bytes;

packaging the bytes to be sent;

attaching at least one common marker to each data made up of digital data bits; and

streaming data into bytes with the at least one common marker;

and wherein said method further comprises:

retrieving the data at a remote location;

separating the data by type;

maintaining the data with its respective time marker for at least one data type;

using the time marker to maintain the time order of the data for later transmission and alignment of different data types;

determining the best method for transmitting data; and

sending the data by at least one transmission data stream.

24.   (New)   The method of claim 23, wherein generating comprises:

selecting at least one reader, selected from the group consisting of voice, picture, bio-marker, card holder information, DNIS and ANI call data readers, and combinations thereof, to receive the data; and

wherein said method further includes creating at least one circuit board having a CPU with instructions; and

connecting the reader[s] to the circuit board; and

wherein prioritizing comprises permitting the CPU to follow its instructions to prioritize the data.

25. (New) The method of claim 24, further comprising associating the time marker with the beginning and ending time of the call.

26. (New) The method of claim 24, further comprising;

using several frequencies on the same channel to transmit several different streams of data from different readers simultaneously; and

providing multiple streams of data, which streams of data include sampling for data assigned to a particular location on the data stream.

27. (New) The method of claim 23, wherein sending data includes multiplexing the data by moving the data in both directions on the first lines.

28. (New) A method of handling a telephone call with an associated data package over a telephone system having a pair of first lines and a pair of second lines with limited bandwidth, comprising:

generating at least one first data from at least one first data generator and at least one second data from at least one second data generator;

prioritizing the at least one first data relative to the at least one second data so that the at least one first data is given priority;

determining the bandwidth required for transmission of the at least one first data;

sending the at least one first data within the bandwidth associated therewith on the first pair of lines; and

using bandwidth as available to include the at least one second data;

wherein prioritizing comprises:

setting a protocol for electing the at least one first data over the at least one second data wherein the first data is of at least one first type and wherein the at least one second data is of at least one second type;

automatically prioritizing the data based on the protocol;

determining the amount of data to store;

storing data which is not ready to send;

prioritizing data to be stored;

separating the data into bytes;

determining the size of bytes;

packaging the bytes to be sent;

attaching at least one common marker to each data made up of digital data bits; and

streaming data into bytes with the at least one common marker;

and wherein said method further comprises associating the at least one common marker with the beginning and ending time of the call.

29.   (New)   The method of claim 28, wherein generating comprises:

selecting at least one reader, selected from the group consisting of voice, picture, bio-marker, card holder information, DNIS and ANI call data readers, and combinations thereof, to receive the data; and

wherein said method further includes creating at least one circuit board having a CPU with instructions; and

connecting the reader[s] to the circuit board; and

wherein prioritizing comprises permitting the CPU to follow its instructions to prioritize the data.

30.   (New)   The method of claim 29, further comprising;

using several frequencies on the same channel to transmit several different streams of data from different readers simultaneously; and

providing multiple streams of data, which streams of data include sampling for data assigned to a particular location on the data stream.

31.   (New)   The method of claim 28, wherein sending data includes multiplexing the data by moving the data in both directions on the first lines.